THE POSSIBILITIES ARE INFINITE

DATA SHEET

LIFEBOOK E8310

Your expert without compromises

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The LIFEBOOK E Series follows a simple philosophy: only the best will do. It is the perfect choice for the performance orientated office user: get latest technology to turn any work into a pleasant experience. The result is mobile performance powerful as desktops.
Its flexible design allows configuring the system exactly the way you like it. Top performance with only 2.5kg makes it one of the lightest notebooks in its class. The comprehensive security features like separate SmartCard reader make your sensible data safe and secure.
There's embedded UMTS/HSUPA, WLAN and Bluetooth for perfect connectivity – anytime, anywhere

Elegance

Designed for the most demanding mobile users, LIFEBOOKs are the perfect synthesis of form, function and style.

- Modular bay fitting an extra drive or battery for more flexibility
- Dual pointing devices with second set of mouse buttons: Touchpad and touchstick (optional) for ergonomic working

Ergonomics

- Enjoy the viewing quality of brilliant TFT displays and graphics:
- Comfort with full sized keyboard
- Port Replicator optionally available for simple connection to all your peripherals

Connectivity

- Highest connectivity with embedded UMTS/HSUPA
- Bluetooth, Wireless LAN optional integrated
- Long lasting battery for independent working with first and second battery

Reliability

- Hard disk drive ShockSensor minimizes data loss and guarantees a higher reliability of your data
- Spill-proof keyboard offers protection against system damage

Manageability

- Integrate the bundled system management software DeskView Admin in every common IT infrastructure
- Seamless integration in heterogeneous enterprise management systems
- Enhanced manageability with Intel® Centrino® Pro Technology with LIFEBOOK E8410

Security

- Trusted platform module (TPM 1.2) provides more secure applications and makes transitions safe
- Maximum of security for the own data with integrated fingerprint[1] sensor and SmartCase™ Logon+ security software

TECHNICAL DETAILS

LIFEBOOK E8310

Processor

Intel® Core™2 Duo Processor	T7700 (2.4GHz, 4MB, 800MHz) T8100 (2.1GHz, 3MB, 800MHz) T8300 (2.4GHz, 3MB, 800MHz) T9500 (2.6GHz, 6MB, 800MHz)
Chipset	
Northbridge	Intel® 965GM
Southbridge	ICH 8-M
Memory	
DIMM slots	2
DDR2-667 SDRAM, 667 MHz	up to 4GB

Interfaces

SIM card slot	1
Infrared link (Fast IrDa 1.1, 4 Mbps)	1
Type I/II PC Card slot	1
SmartCard reader	1
Express card 34/54	1
Memory card slot (SD, MS and MSPRO)	1
USB 2.0	4
S-Video out (TV-out)	1
VGA	1
Modem RJ-11	optional
LAN RJ-45	1
Audio-in (line-in / microphone)	1
Audio-out (line-out / headphone)	1
DC-in	1
IEEE1394	-
Serial port	1
Parallel port	1
Kensington Lock	1
Docking connector for Port Replicator	1

Camera

-

Modem on board

56K V.92 modem MDC1.5	optional

LAN on board

built-in 10/100/1000 Mbps Marvell 88E8055	x
built-in 10/100/1000 Mbps Intel® 82566 MC	-
built-in 10/100/1000 Mbps Intel® 82566 MM for iAMT	-

Wireless Technologies (WLAN)

Import and usage according to country-specific regulations.
3 Dual band WLAN antennas, 2 UMTS antennas

Intel® Wireless WiFi Link 4965AGN(MIMO support)	optional
Atheros Minicard b/g 802.11 b/g	optional
WiFi certified	x
Integrated UMTS/HSUPA, also supported are GPRS and EDGE or higher	Optional (downlink 7.2, uplink 2.0)

Bluetooth

Bluetooth V2.0	optional, with separate antenna

Audio

Stereo speakers	x
Sound chip	Realtek ALC262.
Internal microphone	2

Keyboard and pointing device

Keyboard	Spill proof keyboard, 86 keys, 19mm pitch, 2.7mm key stroke
Touchpad	with two mouse buttons and one scroll button
Touchstick	optional
Second set of mouse buttons	x
Fingerprint sensor	-
Launch Keys	x
Eco Button	x
Recovery Button	x
Lock workstation Button	x
Mobility Center Button	x
Status LCD (status panel)	x
Graphics	
Intel® X3100 integrated graphics	x
Nvidia Go 8400M extra graphics with 128MB G-DDR3 memory	
Direct X9	x
Direct X10	-
Pixelshader 3.0	x
Pixelshader 4.0	-
DualView (Windows XP **&Vista**)	x
Display	
15-inch TFT XGA / 1024 x 768 pixel	x
15-inch TFT SXGA+ / 1400 x 1050 pixel	x
Max. resolution for external displays	1920 x 1200 / true color / 85 Hz (tbd.)
Hard disk drives (internal) *	
S.M.A.R.T.	x
ShockSensor for HDD shock protection	x
160 GB S-ATA (5400 rpm)	x
160 GB S-ATA (7200 rpm)	x
160 GB FDE (5400 rpm)	x
* 1 Gbyte equals one billion bytes, when referring to hard disk drive capacity; accessible capacity may vary, also depending on used software and tool.	
Modular Drives	
DVD super-multi incl. RAM	x
More information in specific Data Sheet: http://ts.fujitsu.com/optical_drives/	
Manageability	
Please refer to http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html	.
Supported Standard	
WMI / CIM / WBEM	x
PXE	x
BootP	made4you
Security	
Physical security	
Kensington Lock support	x
System Security	
Trusted Platform module 1.2	optional
Symantec Norton Internet Security	x
User Security	
User and supervisor BIOS password	x
SystemLock BIOS SmartCard security	x
Hard disk password	x
Integrated Fingerprint Sensor	-
Separate SmartCard slot	x
SmartCase Logon+	optional
Power supply	
1st Li-Ion battery 6 cell 5200mAh (56.2Wh)	x
1st Li-Ion battery 8 cell 5200mAh (74.9Wh)	-
2nd Li-Ion battery 6 cell 3800mAh (41Wh) (Option)	x
Battery runtime:	
First battery * (Mobile Mark 2005) [up to]	5:30 h
First + Second battery * (Mobile Mark 2005)	up to 10h

AC adapter 19V/80W Adapter Rated voltage (AC input) 100 - 240 V Rated frequency 50 - 60 Hz DC output 19 V, 4.22 A	x
Dynamic charge supported (rapid charge)	x
Operating temperatures	
Relative humidity (non-condensing)	20% - 85% (running)
Ambient temperature	5° - 35° C
Dimensions / Weight	
Dimensions (H x W x D)	38 x 330 x 274
Weight*	2.7 kg (incl. 1st battery, weight saver)
* Weight may vary depending on actual configuration	
Certificates	
CE Marking	x
CE according to EU Directives 89/336/EEC (EMC) 73/23/EEC (Product safety)	x
CE! (Wireless)	x (with integrated BT and/or WLAN)
CE (Emission/Immunity)	x
R&TTE	x
GS (German ergonomic approval)	-
UL/cUL	x
CB Generic Report	x
CB (Safety)	x
RoHS	x
WHQL	x
TBR21	x (with integrated modem)
Energy Star	x
WiFi certified	x
Operating System	
Microsoft Windows XP Professional	driver support
MicrosoftWindows Vista™	x
Microsoft Windows Vista® Business/ Microsoft Windows XP® Professional TwinLoad	x
Software (compatibility / preinstalled)	
Adobe Acrobat Reader	x
Application panel tool	x
Camera	-
Windwos Vista recovery media	optional (extra order number)
Driver and Utility DVD (DUDVD)	optional (extra order number)
Eco Power Saving Utility	x
Easy Guide on-line user documentation	x
Nero Essentials	x (with DVD super multi drive)
Norton Internet Security (incl. Firewall) on DUDVD for Microsoft Windows XP	x
TPM software (with TPM module only)	optional
SmartCase Logon+	optional
Toshiba Stack 3.x	-
Toshiba Stack 4.x	x (with Bluetooth)
UMTS watcher	optional (with UMTS)
Odyssey Client	x
WinDVD for MPEG II decode	tbd
Accessories (order number)	
AC adapter 19V (80W)	S26391-F2474-L600
AC adapter 19V (100W)	S26391-F408-L300
Case	S26391-F4000-L200
Port Replicator	S26391-408-L100
Battery	1st: S26391-F405-L800 2nd: S26391-F405-L200
Modem adapter set 1: D, UK Modem adapter set 2: SW, NO, FI, DK Modem adapter set 3: CH, A, B, NL, F, I, E, POR	S26391-F3145-L10 S26391-F3145-L20 S26391-F3145-L30
http://ts.fujitsu.com/accessories/	
Spare part availability	5 years

Information about environmental care, policies, programs and our Environmental Guideline FSC03230:
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Take back and Recycling information: ts.fujitsu.com/recycling

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